

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035670.D
 Acq On : 07 Nov 2019 19:22
 Operator : JC/SP
 Sample : K5739-03DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CR1DL

Quant Time: Nov 08 06:16:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	703018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	684097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	204007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	259465	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	219817	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.96%
11) 1,1-Dichloroethene-d2	2.60	63	309795	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	4.69	46	318899	96.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.15%
24) Chloroform-d	5.11	84	416170	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.75	65	258665	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.77	84	882231	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.74	67	287058	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.28%
41) Toluene-d8	7.93	98	808885	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	8.21	79	124425	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
47) 2-Hexanone-d5	8.68	63	197136	88.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.95%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	376859	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	12.22	152	211972	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

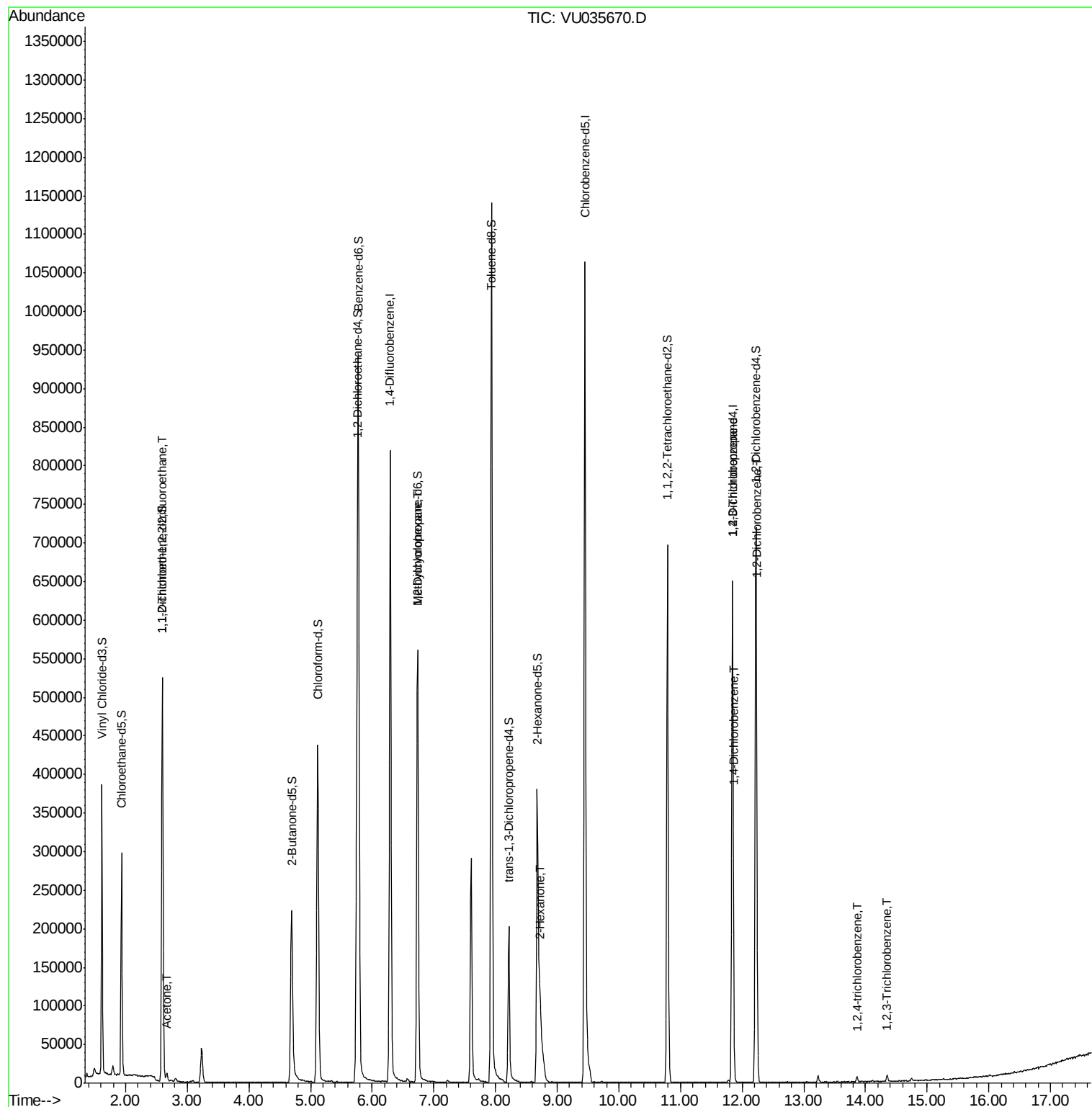
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3113	0.712	ug/L #	17
13) Acetone	2.67	43	9715	3.329	ug/L	97
35) Methylcyclohexane	6.73	83	64086	9.028	ug/L #	20
48) 2-Hexanone	8.73	43	23629	4.218	ug/L #	90
59) 1,2,3-Trichloropropane	11.84	75	23957	3.569	ug/L	100
63) 1,4-Dichlorobenzene	11.87	146	8011	1.225	ug/L	89
65) 1,2-Dichlorobenzene	12.24	146	43460	6.633	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	2498	1.003	ug/L	86
70) 1,2,3-Trichlorobenzene	14.35	180	3013	1.123	ug/L	93

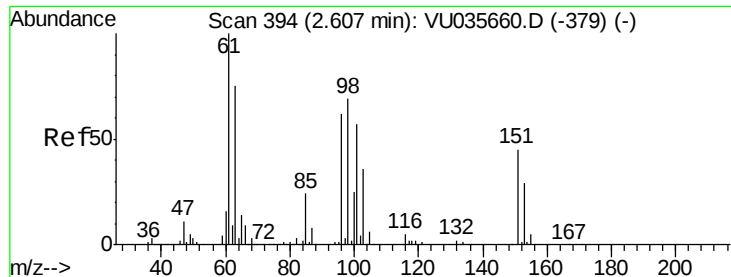
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 08 06:13:27 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.712 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

C0CR1DL

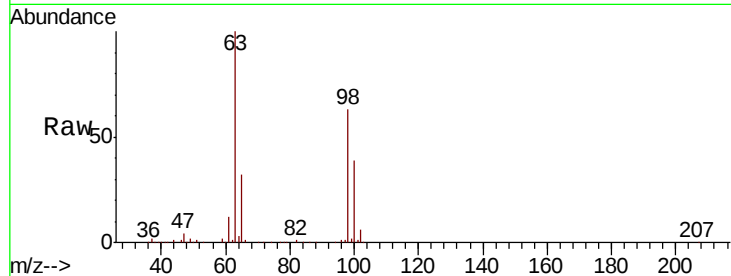
Tot Ion:101 Resp: 3113

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

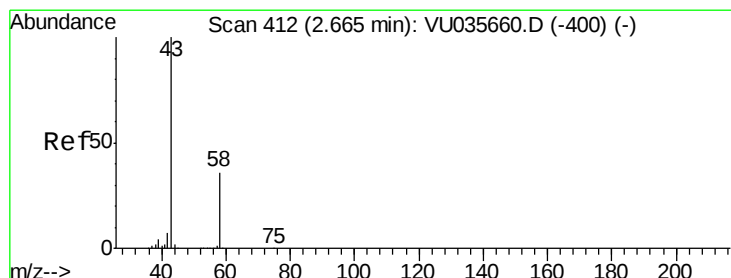
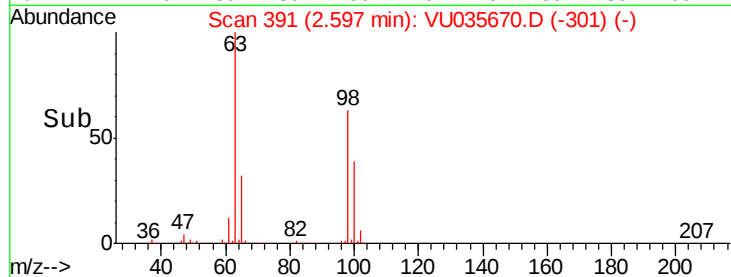
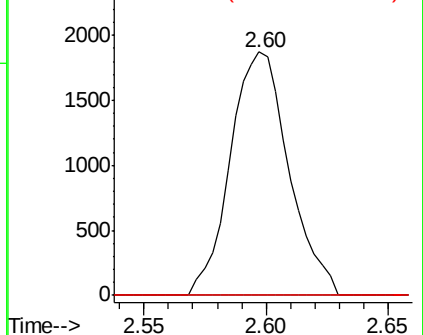
151 0.0 64.2 96.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.329 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU035670.D

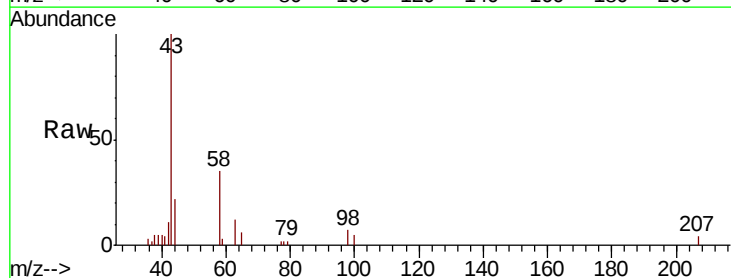
Acq: 07 Nov 2019 19:22

Tgt Ion: 43 Resp: 9715

Ion Ratio Lower Upper

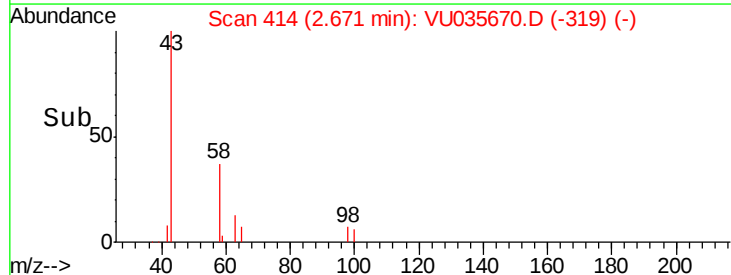
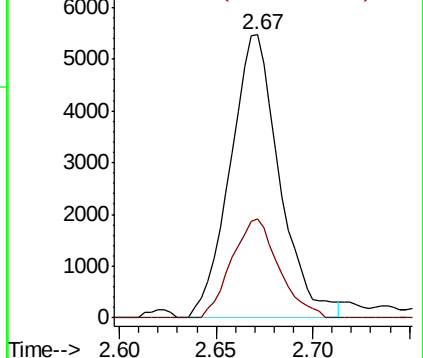
43 100

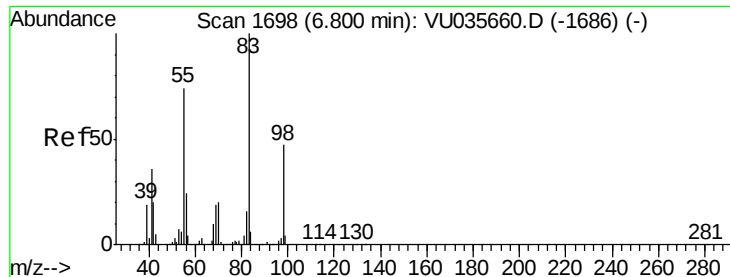
58 33.3 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#35

Methylcyclohexane

Concen: 9.028 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

C0CR1DL

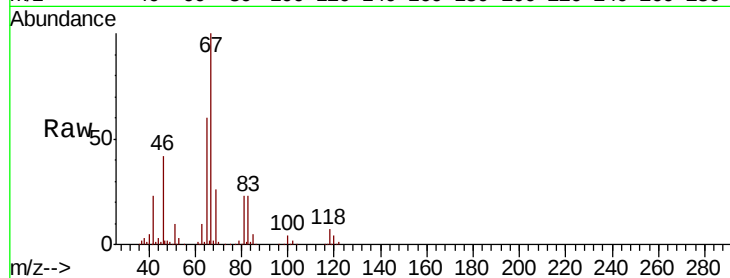
Tot Ion: 83 Resp: 64086

Ion Ratio Lower Upper

83 100

55 0.5 61.0 91.4#

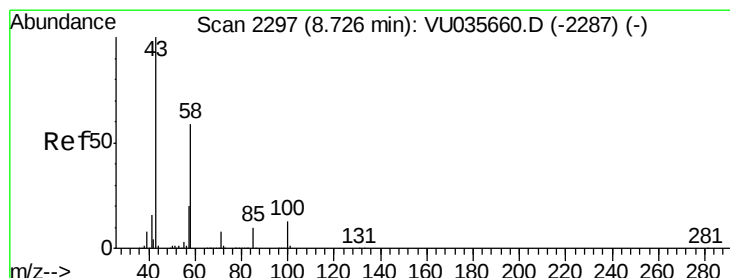
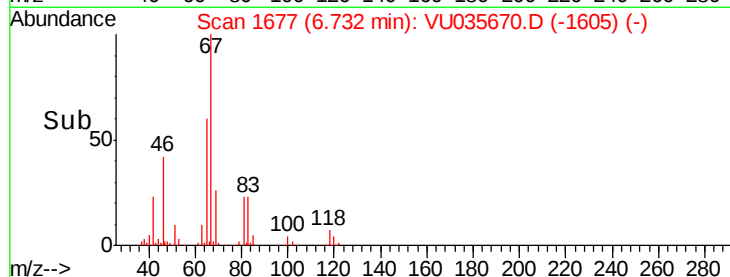
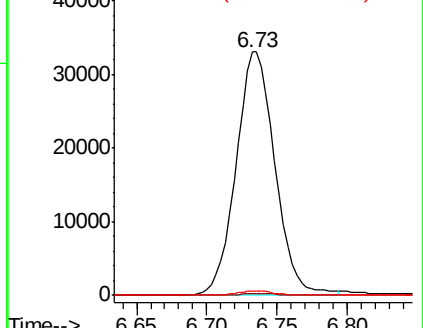
98 1.6 36.6 54.8#



Abundance Ion 83.00 (82.70 to 83.70): VU035670.D (-1686) (-)

Ion 55.00 (54.70 to 55.70): VU035670.D (-1686) (-)

Ion 98.00 (97.70 to 98.70): VU035670.D (-1686) (-)



#48

2-Hexanone

Concen: 4.218 ug/L

RT: 8.73 min Scan# 2297

Delta R.T. -0.00 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

Tgt Ion: 43 Resp: 23629

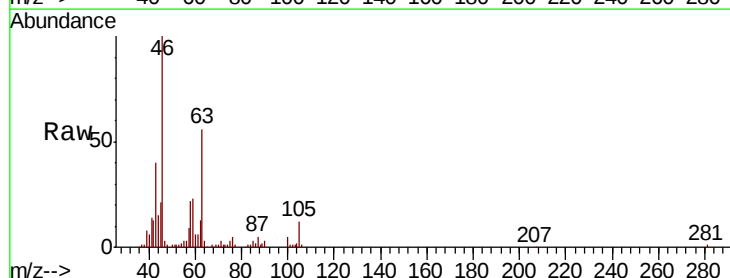
Ion Ratio Lower Upper

43 100

58 68.5 50.4 75.6

57 14.7 17.4 26.0#

100 7.4 10.5 15.7#

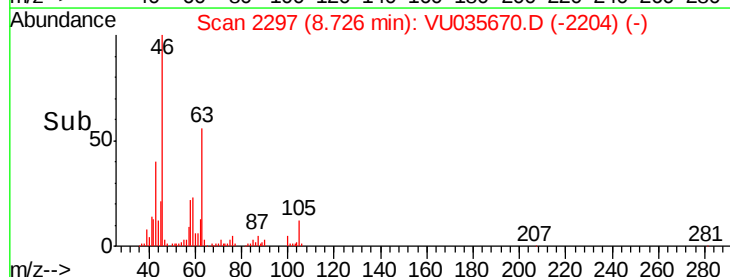
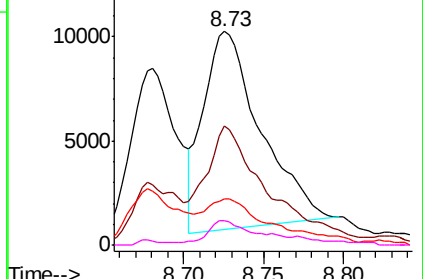


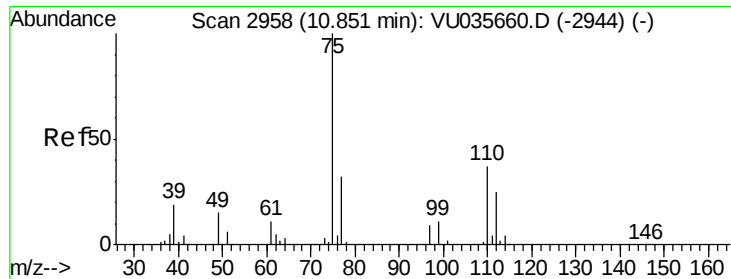
Abundance Ion 43.00 (42.70 to 43.70): VU035660.D (-2287) (-)

Ion 58.00 (57.70 to 58.70): VU035660.D (-2287) (-)

Ion 57.00 (56.70 to 57.70): VU035660.D (-2287) (-)

Ion 100.00 (99.70 to 100.70): VU035660.D (-2287) (-)





#59

1,2,3-Trichloropropane

Concen: 3.569 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

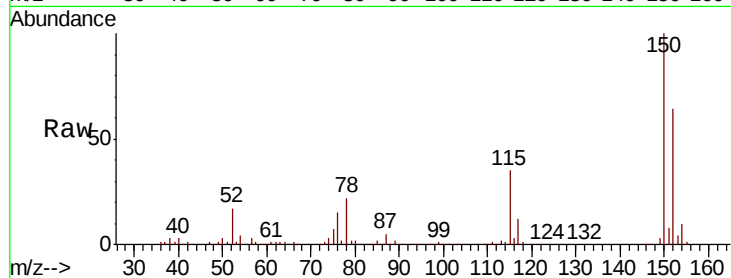
C0CR1DL

Tot Ion: 75 Resp: 23957

Ion Ratio Lower Upper

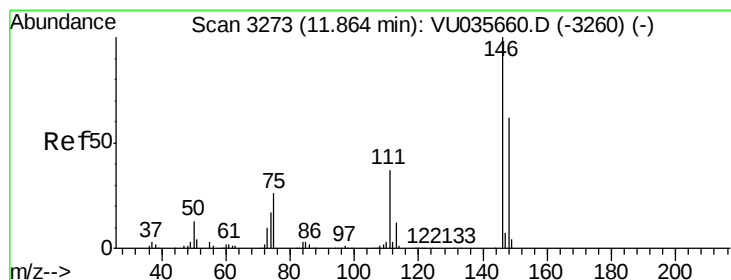
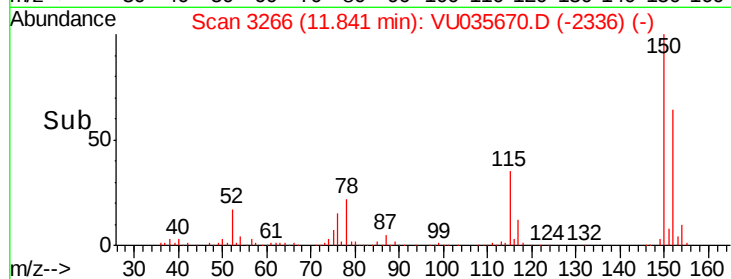
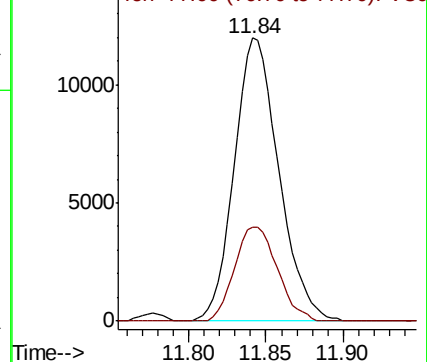
75 100

77 31.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU035660.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU035660.D (-2944) (-)



#63

1,4-Dichlorobenzene

Concen: 1.225 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

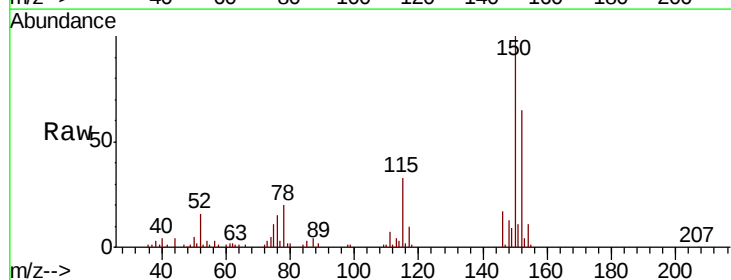
Tgt Ion: 146 Resp: 8011

Ion Ratio Lower Upper

146 100

111 39.1 26.5 49.1

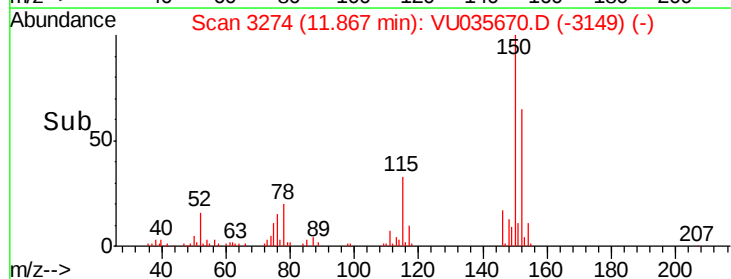
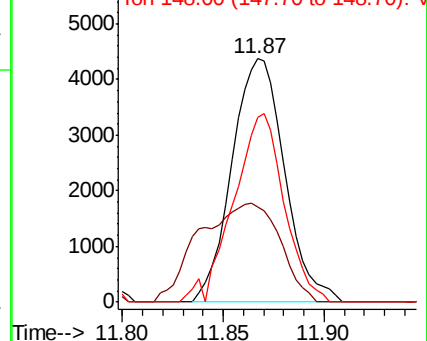
148 75.8 44.4 82.5

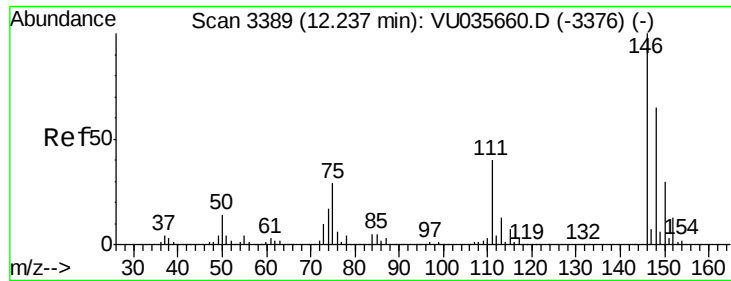


Abundance Ion 146.00 (145.70 to 146.70): VU035660.D (-3260) (-)

Ion 111.00 (110.70 to 111.70): VU035660.D (-3260) (-)

Ion 148.00 (147.70 to 148.70): VU035660.D (-3260) (-)





#65

1,2-Dichlorobenzene

Concen: 6.633 ug/L

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

Instrument :

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ClientSampleId :

C0CR1DL

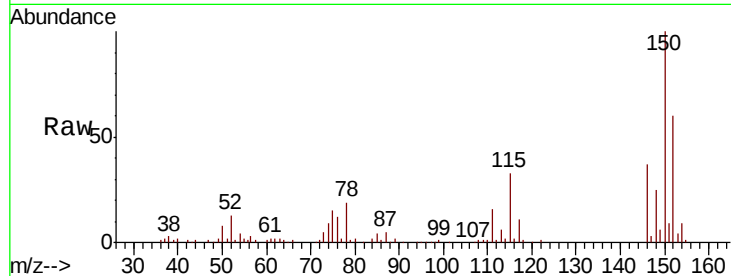
Tot Ion:146 Resp: 43460

Ion Ratio Lower Upper

146 100

111 42.5 32.4 48.6

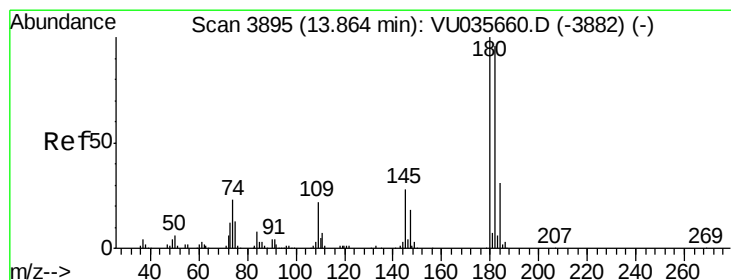
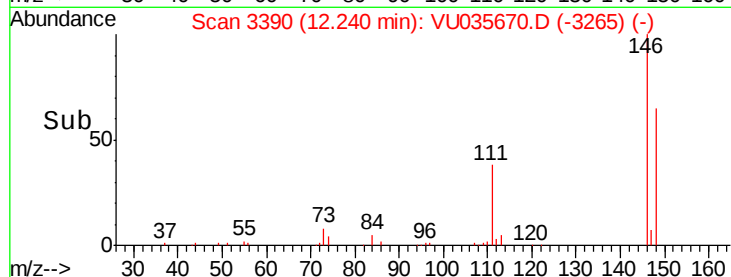
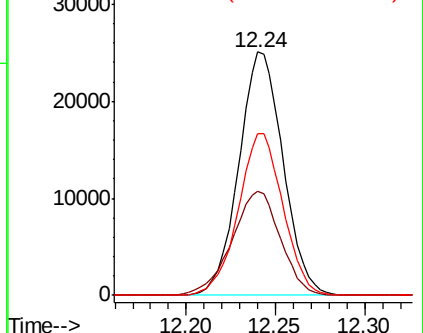
148 66.3 51.8 77.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 1.003 ug/L

RT: 13.86 min Scan# 3895

Delta R.T. -0.00 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

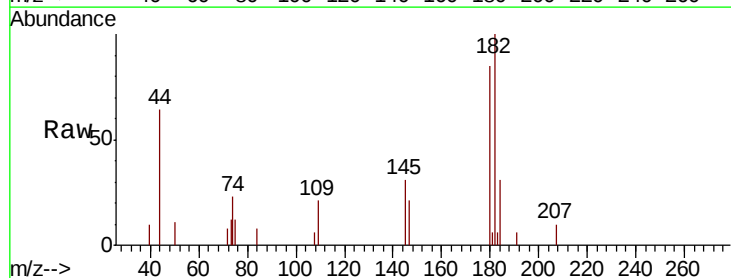
Tgt Ion:180 Resp: 2498

Ion Ratio Lower Upper

180 100

182 111.7 76.6 115.0

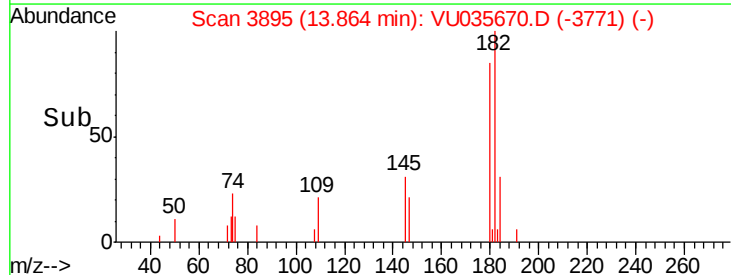
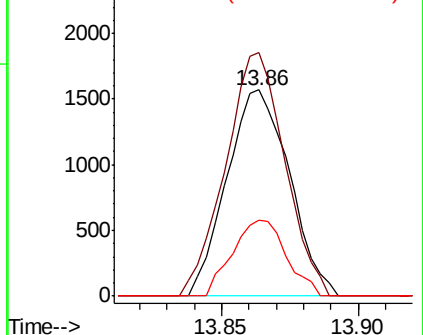
145 31.7 21.9 32.9

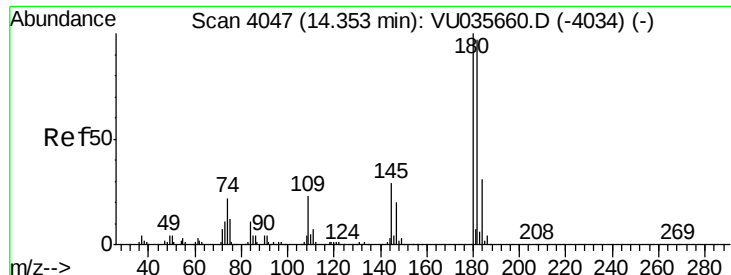


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 1.123 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

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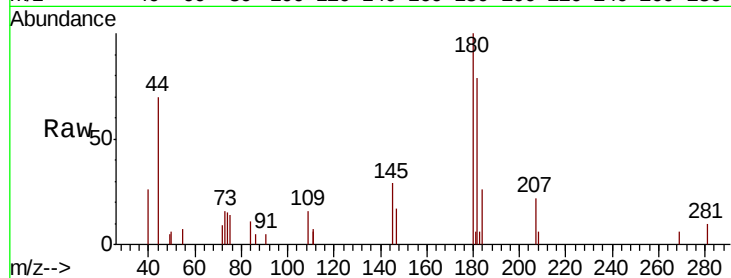
Tot Ion:180 Resp: 3013

Ion Ratio Lower Upper

180 100

182 89.1 77.6 116.4

145 26.8 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

